

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for dynamically attaching data items to a physical environment, the method comprising the steps of:

capturing data items related to a plurality of surrounding contexts in a particular environment, the surrounding contexts including location level context, visual data, audio data, position level context and object level context, wherein the data items related to the location level context, visual data, audio data, position level context and object level context are sensed by different types of sensing means;

transmitting the captured data items for storing; receiving input data item from said surrounding contexts; and

storing the data items such that the data items are attached to the surrounding contexts in the particular environment in a corresponding manner attaching said data item to said surrounding contexts; and

retrieving at least one stored data item based on surrounding contexts currently being sensed by the sensing means in the particular environment

Claim 2 (currently amended): A method of claim 1, further comprising step of registering said data items as being related to said surrounding contexts.

Claim 3 (currently amended): A method of claim 2 wherein at least one said data item related to said surrounding contexts includes time information designated to future or past time.

Claim 4 (currently amended): A method of claim 1, wherein said other object level context is object level context for identifying at least one object in the particular environment.

Claim 5 (currently amended): A method of claim 1, wherein said capturing step is continuously performed so that the data items related to the surrounding contexts are always captured.

Claim 6 (currently amended): An apparatus for dynamically attaching data items to physical environment, comprising:

capturing means for capturing data items related to a plurality of surrounding contexts in a particular environment, the surrounding contexts including location level context, visual data, audio data, position level context and object level context, wherein the data items related to the location level context, visual data, audio data, position level context and object level context are sensed by different types of sensing means;

transmitting means for transmitting the captured data items for storing input means for inputting digital data item from said surrounding contexts; and

storage means for storing the data items such that the data items are attached to the surrounding contexts in the particular environment in a corresponding manner-attaching means for attaching said data item to said surrounding contexts; and

retrieving at least one stored data item based on surrounding contexts currently being sensed in the particular environment.

Claim 7 (currently amended): A method for dynamically attaching data items to physical environment, the method comprising the steps of:

capturing data items related to a plurality of surrounding contexts in a particular environment, the surrounding contexts including location data, and time data, and time data;

inputting keyword and text data regarding said surrounding contexts;

sending said location data, time data, keyword and text data to the database for storing, wherein said location data, time data and keyword are stored attached in a corresponding manner as retrieval key for retrieving said text data;

retrieving said database by sending at least one of location data, time data and keyword based on surrounding contexts currently being sensed by a sensing means in the particular environment;

receiving text data from said database in the result of said retrieving; and
displaying said text data.

Claim 8 (currently amended): A method of claim 47, wherein ~~image said visual~~ data regarding said surrounding contexts is image data stored in a database, and is retrievable for display sent for storing to database;

~~receiving image data in the result of said retrieving; and~~
~~displaying said image data.~~

Claim 9 (currently amended): An apparatus for dynamically attaching data items to physical environment, comprising:

capturing means for capturing data items related to a plurality of surrounding contexts in a particular environment, the surrounding contexts including location data, and time data;

inputting means for inputting a keyword and text data regarding said surrounding contexts; and

transmitting means for sending said location data, time data, keyword and text data to a database for storing;

storage means for storing the location data, time data, keyword and text data in a corresponding manner, wherein said location data, time data and keyword are stored attached as a retrieval key for retrieving said text data;

retrieving means for retrieving said database by sending at least one of location data, time data and keyword;

receiving means for retrieving text data from said database corresponding to the at least one of location data, time data and keyword in the result of said retrieving, based on surrounding contexts currently being sensed by a sensing means in the particular environment; and

display means for displaying said text data.

Claim 10 (currently amended): An apparatus for storing database data items attached to regarding surrounding contexts in a physical environment, comprising:

receiving means for receiving location data, time data, keyword and text data from other apparatus;

storing means for storing said location data, time data, keyword and text data to the database in a corresponding manner, wherein said location data, time data and keyword are stored attached as a retrieval key for retrieving said text data;

retrieving means for retrieving said database in response to a request, from other apparatus the request being based on surrounding contexts currently being sensed by a sensing means in the particular environment; and

sending means for sending text data in the result of said retrieving in response to the request.

Claim 11 (canceled)

Claim 12 (previously presented): A method of claim 1, wherein the position level context identifies a room in the particular environment.

Claim 13 (new): A method of claim 1, wherein the audio data is voice data.

Claim 14 (new): A method of claim 3, wherein at least one data item is attached to a surrounding contexts in the future or past time.

Claim 15 (new): An apparatus of claim 6, wherein the position level context identifies a room in the particular environment.

Claim 16 (new): An apparatus of claim 6, wherein the audio data is voice data.

Claim 17 (new): An apparatus of claim 6, wherein at least one data item is attached to a surrounding contexts in a future or past time.